

ABSTRACT

In a method for the production of expandable plastics granulate (C) a plastics melt (A') is impregnated by a fluid blowing agent (B), the blowing agent being at an elevated pressure within a predetermined pressure range only partly soluble in the melt. The method comprises the following steps: 1. dispersion of the blowing agent in the melt, 2. retaining of the mixture within a predetermined pressure range for a predetermined retention time, 3. cooling of the melt impregnated by the blowing agent to a temperature which is several °C above the solidification temperature of the melt, and 4. granulating the cooled mixture. According to the invention the mixture is acted upon by static mixing elements and by this mixing is avoided segregation.

(Fig. 1)

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